



SHEET 1 OF 4

FORM PTO-1449 U.S. Department of Commerce Patent and Trademark Office	ATTY. DOCKET NO.	SERIAL NO.
	500.42993X00	10/628,516
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		
· (Use several sheets if necessary)		
APPLICANT M. KITSUREGAWA, et al		
FILING DATE July 29, 2003		
GROUP 2161		

U.S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

FC A. Bhide, "An Efficient Scheme for Providing High Availability", IBM TJ Watson Research Center, pp. 236-245.

EXAMINER

EXAMINER <i>Frank Gby</i>	DATE CONSIDERED 1
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EXAMINER: ~~If citation is considered, draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.~~

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APPLICANT

M. KITSUREGAWA, et al

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GROUP

2161

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
FC	6,748,502	6-2004	WATANABE et al.			
FC	2003/0074600 A1	04-2003	TAMATSU			
FC	2002/0133507 A1	09-2002	HOLENSTEIN et al.			
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	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	ABSTRACT	
						YES	NO

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FC	Rahm, Performance Evaluation of Extended Storage Architectures for Transaction Processing, University of Kaiserslautern, Germany.
FC	Veritas Volume Replicator, Enterprise-Class Disaster Recovery for Mission-Critical Environments, 1992.
FC	R. VanNatta, "Crash Recovery" Database Management System, 2 nd Edition, pp. 1-26.

EXAMINER

Frank Coby

DATE CONSIDERED

1/20/06

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U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
FC	4,751,702	6/98	Beier, et al			
Re	5,758,355	5/98	Buchanan			
Re	6,173,292	1/01	Barber, et al			
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FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	ABSTRACT	
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M. KITSUREGAWA, et al

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EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
RC	6,466,951	10/02	Birkler, et al			
RC	6,850,958	2/05	Wakabayashi			
RC	2002/0103815	8/02	Duvillier, et al			
RC	2002/0107878	8/02	Tsuchida, et al			

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APPLICANT

Masaru KITSUREGAWA et al.

FILING DATE

July 29, 2003

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
KC	5,781,912	7-1998	DEMERS et al.			
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KC	6,163,856	12-2000	DION et al.			
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KC	6,065,018	5-2000	BEIER et al.			
R	6,446,176	9-2002	WEST et al.			
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	2004/0158588 A1	8-2004	PRUET, III			

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W1083-01ES

INFORMATION UNDER 37 CFR 1.56(a)

(For Initial Filing)

The following references are submitted as information
to comply with the duty of disclosure under 37 CFR 1.56(a):

References	Disclosed in the specification?		Copy			Translation	
	Yes	No	Enc.	Follow	Please obtain	Enc.	Not available
1. Jim Gray and Andreas Reuter, "TRANSACTION PROCESSING: CONCEPTS AND TECHNIQUES", Morgan Kaufman Publishers, 1993, pp. 556-557 and 604-609	X		X				
2. U.S. Patent No. 5,640,561	X		X				
3. Patent Application Serial No. entitled DATABASE PROCESSING METHOD AND SYSTEM USING LOG INFORMATION, PROCESSING PROGRAM THEREOF, AND STORAGE UNIT FOR EXECUTION THEREOF	X		X				
4.							
5.							

Reference 3 is a Patent Application sent to you with another order letter with Our Ref: W1082-01 instructing you to file together with this Application on the same day by the Applicants' specified due date of July 31, 2003. See the mutual CROSS-REFERENCE TO RELATED APPLICATIONS in both Applications.

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